

28679/04589 (01-081 US)

**REMARKS**

Reconsideration of the present patent application is respectfully requested. Claims 1, 3-8, 10-15, and 17-24 are pending in this application. Claims 1, 3-6, 8, 10-13, 15, 17-21, and 23 are rejected. Claims 7, 14, 22 and 24 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. By this amendment, claims 1, 8, and 15 have been amended.

Claims 1, 8, and 15 were rejected under 35 U.S.C. §103(a) as being unpatentable over O'Neill (USPN 5,267,159) in view of Matsumoto (JP 60208149 A).

O'Neill teaches an apparatus including a microprocessor controller for calculating vehicle mileage and a multi-digit LED display for displaying the mileage. Thus, the apparatus disclosed in O'Neill includes it's own microprocessor controller (see col. 3, lines 7-20). O'Neill does not teach or suggest using a processing unit that controls an on-board system of the vehicle to calculate vehicle mileage.

Combining the Matsumoto reference with the O'Neill reference does not over come the deficient teaching of the O'Neill reference. Matsumoto simply teaches reading a telephone number from memory and outputting the number in the form of Morse Code over a speaker (see Abstract and Constitution). Matsumoto does not teach or suggest using a processing unit that controls an on-board system of the vehicle. Thus, the proposed combination fails to teach or suggest all of the claim limitations of independent claims 1, 8, and 15. Accordingly, Applicant respectfully requests that the rejections of claims 1, 8, and 15 under 35 U.S.C. §103(a), and those claims dependent thereon, be reconsidered and withdrawn.

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**CONCLUSION**

Based on the foregoing remarks and amendments, Applicant believes that all of the claims in this case are now in condition for allowance and an indication to that effect is respectfully requested. Furthermore, if the Examiner believes that additional discussions or information might advance the prosecution of this case, the Examiner should feel free to contact the undersigned at the telephone number indicated below.

Respectfully submitted,

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